

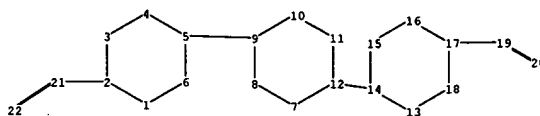
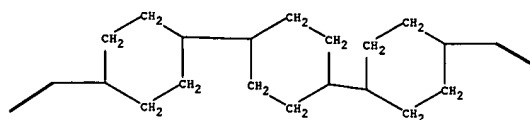
WEST Search History

Hide Items **Restore** **Clear** **Cancel**

DATE: Wednesday, December 13, 2006

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ</i>	
<input type="checkbox"/>	L11	L10 and l9	1
<input type="checkbox"/>	L10	v-HHB near F	67
<input type="checkbox"/>	L9	v\$-HHH-V\$	2
<input type="checkbox"/>	L8	ccg-v-f same (ccc-?-V or ccc-v-1 or ccc-v-2 or ccc-V-3 or ccc-v-v)	1
<input type="checkbox"/>	L7	ccg-v-f same (ccc-V?-1 or ccc-v-1 or ccc-v-2 or ccc-?V-1 or ccc-v-v)	1
<input type="checkbox"/>	L5	ccg-v-f same (ccp-V?-1 or ccp-v-1 or ccp-v-2 or ccp-?V-1)	57
<input type="checkbox"/>	L4	ccg-v-f same ccp-V-?	78
<input type="checkbox"/>	L3	ccg-v-f same ccp-V\$	95
<input type="checkbox"/>	L2	us-5709820-\$.did.	2
<input type="checkbox"/>	L1	ccg-v-f same ccp-\$F	54

END OF SEARCH HISTORY



chain nodes :

19 20 21 22

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

chain bonds :

2-21 5-9 12-14 17-19 19-20 21-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17 17-18

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17 17-18

exact bonds :

2-21 5-9 12-14 17-19 19-20 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS 21:CLASS 22:CLASS

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2005:74172 CAPLUS
 DN 142:144370
 TI Liquid-crystal medium containing monofluoroterphenyl compounds for liquid crystal display
 IN Manabe, Atsutaka; Durmaz, Erdal; Poetsch, Eike; Reiffenrath, Volker; Heckmeier, Michael
 PA Merck Patent G.m.b.H., Germany
 SO PCT Int. Appl., 134 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005007775	A1	20050127	WO 2004-EP6777	20040623
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 102004030315	A1	20050127	DE 2004-102004030315	20040623
	EP 1646703	A1	20060419	EP 2004-740199	20040623
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	CN 1823151	A	20060823	CN 2004-80019888	20040623
PRAI	DE 2003-10331490	A	20030711		
	WO 2004-EP6777	W	20040623		

OS MARPAT 142:144370
 RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:985922 CAPLUS
 DN 141:429735
 TI Perfluoropropenyl-containing compound for liquid crystal display
 IN Kato, Takashi
 PA Chisso Petrochemical Corporation, Japan; Chisso Corporation
 SO Eur. Pat. Appl., 91 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1477546	A1	20041117	EP 2004-252778	20040513
	EP 1477546	B1	20060524		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	US 2005006624	A1	20050113	US 2004-844473	20040513
	US 7074464	B2	20060711		
	JP 2005298466	A2	20051027	JP 2004-143501	20040513
PRAI	JP 2003-135884	A	20030514		
	JP 2004-74575	A	20040316		

OS MARPAT 141:429735
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:681226 CAPLUS
 DN 141:215772
 TI Nematic liquid-crystal mixture, and displays containing same
 IN Hirschmann, Harald; Reiffenrath, Volker
 PA Germany
 SO U.S. Pat. Appl. Publ., 22 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004161550	A1	20040819	US 2004-777203	20040213
	DE 102004003508	A1	20040826	DE 2004-102004003508	20040123
	CN 1521547	A	20040818	CN 2004-10005001	20040212
	JP 2004244637	A2	20040902	JP 2004-37045	20040213
PRAI	DE 2003-10306399	A	20030215		
OS	MARPAT 141:215772				

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1998:208506 CAPLUS
 DN 128:302170
 TI Compounds having alkadienyl side chain, with a large elastic constant ratio, steep electro-optic characteristics and a little temperature dependence in a low temperature range, and liquid crystal composition using same
 IN Kato, Takashi; Miyazawa, Kazutoshi; Matsui, Shuichi; Takeuchi, Hiroyuki; Takeshita, Fusayuki; Hisatsune, Yasusuke; et al.
 PA Chisso Corp., Japan
 SO PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9813321	A1	19980402	WO 1997-JP3347	19970922
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9742224	A1	19980417	AU 1997-42224	19970922
	EP 925268	A1	19990630	EP 1997-940441	19970922
	R: DE				
	JP 2001500894	T2	20010123	JP 1998-515484	19970922
	US 6174457	B1	20010116	US 1999-242333	19990211
PRAI	JP 1996-277596	A	19960927		
	WO 1997-JP3347	W	19970922		
OS	MARPAT 128:302170				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

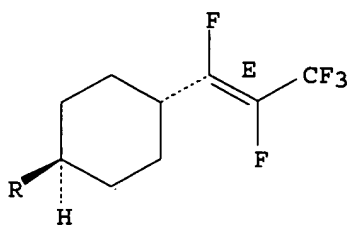
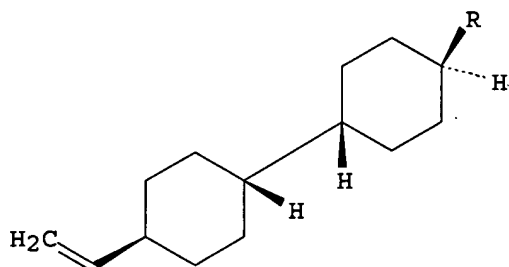
L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1997:344535 CAPLUS
 DN 126:323538
 TI Preparation of (fluoroalkenyl)cyclohexane derivatives and liquid crystal compositions
 IN Kato, Takashi; Matsui, Shuichi; Miyazawa, Kazutoshi; Hachiya, Norihisa; Nakagawa, Etsuo

PA Chisso Corp., Japan
SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9713738	A1	19970417	WO 1996-JP2950	19961011
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PT, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9672279	A1	19970430	AU 1996-72279	19961011
	EP 884296	A1	19981216	EP 1996-933619	19961011
	R: DE, FR, GB				
	US 5989452	A	19991123	US 1998-51353	19980408
PRAI	JP 1995-292095	A	19951012		
	JP 1995-952920	A	19951012		
	WO 1996-JP2950	W	19961011		
OS	MARPAT 126:323538				

L3 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 794528-76-0 REGISTRY
 ED Entered STN: 08 Dec 2004
 CN 1,1':4',1''-Tercyclohexane, 4-ethenyl-4''-[(1E)-1,2,3,3,3-pentafluoro-1-propenyl]-, (trans,trans,trans)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C23 H33 F5
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

Relative stereochemistry.
 Double bond geometry as shown.

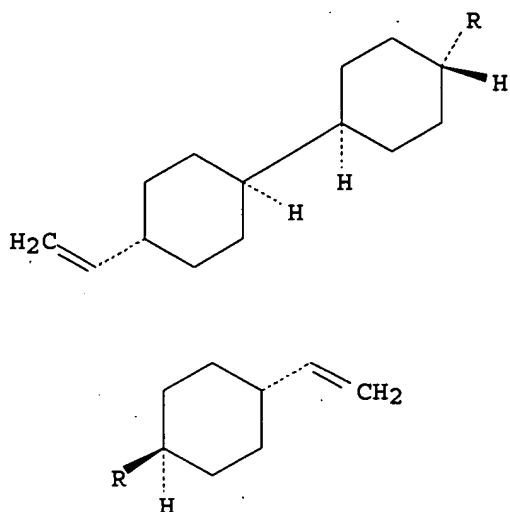


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 741701-19-9 REGISTRY
 ED Entered STN: 09 Sep 2004
 CN 1,1':4',1''-Tercyclohexane, 4,4''-diethenyl-, (trans,trans,trans)- (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN CCC-V-V
 FS STEREOSEARCH
 MF C22 H36
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.

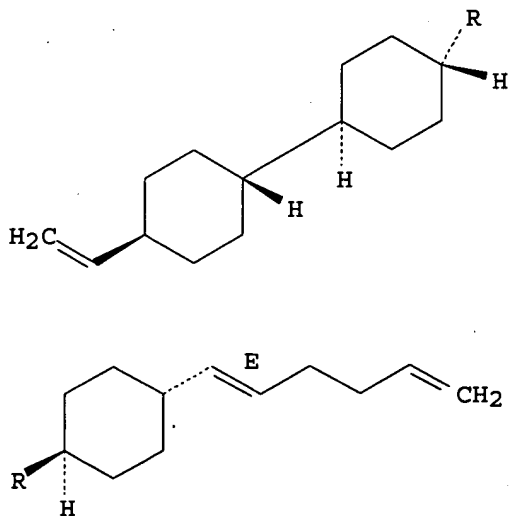


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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 205996-91-4 REGISTRY
ED Entered STN: 28 May 1998
CN 1,1':4',1''-Tercyclohexane, 4-ethenyl-4''-(1E)-1,5-hexadienyl-,
(trans,trans,trans)-(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,1':4',1''-Tercyclohexane, 4-ethenyl-4''-(1,5-hexadienyl)-,
[1 α [trans[trans(E)],4 β]]-
FS STEREOSEARCH
MF C26 H42
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.
Double bond geometry as shown.

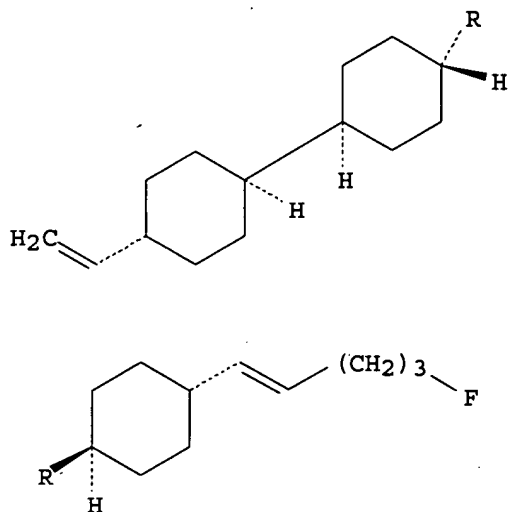


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 189361-97-5 REGISTRY
ED Entered STN: 03 Jun 1997
CN 1,1':4',1''-Tercyclohexane, 4-ethenyl-4''-(5-fluoro-1-pentenyl)-,
(all-trans)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H41 F
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.
Double bond geometry unknown.

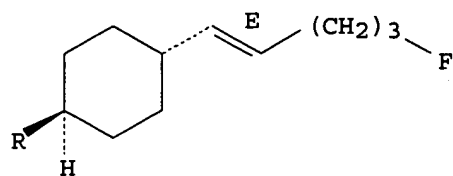
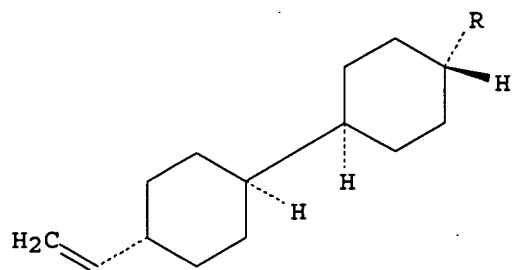


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 189361-81-7 REGISTRY
ED Entered STN: 03 Jun 1997
CN 1,1':4',1''-Tercyclohexane, 4-ethenyl-4''-(5-fluoro-1-pentenyl)-,
[1 α {trans(trans)},4 β (E)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H41 F
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Relative stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)